



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY.'S DOCKET: MAHLAB=5

In re Application of:)	Art Unit: 2137
)	
Uri MAHLAB et al)	Examiner: C. FIELDS
)	
Appln. No.: 10/067,390)	Washington, D.C.
)	
Filed: February 7, 2002)	Confirmation No. 7200
)	
For: METHOD AND SYSTEM FOR)	December 12, 2006
ENCIPHERMENT OF OPTICAL...)	

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Honorable Commissioner for Patents
Customer Service Window
Randolph Building, Mail Stop ISSUE FEE
401 Dulany Street
Alexandria, VA 22314

Sir:

In the Notice of Allowability dated September 12, 2006, the examiner included an Examiner's Statement of Reasons for Allowance. Applicant has reviewed this statement and believes it would be more accurate if amended as follows. Accordingly, applicant proposes the following changes in the reasons for allowance for the purpose of improved clarity:

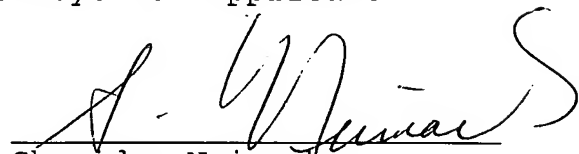
7. The following is an examiner's statement of reasons for allowance: The present invention is directed toward a method and system for encrypting signals to be transmitted via optical communication lines causing controlled chromatic dispersion of the signal. Each independent claim identifies the uniquely distinct features "encrypting an optical signal to be transmitted via an optical fiber communication link, ~~by~~ causing controlled chromatic dispersion[[,]] by

means of controlled change of dispersion within an optical fiber communication link, and allowed by inserting a variable dispersion compensation module within the link". The closest prior art, Francois et al. (US Patent No. 6,018,582) discloses an optical transmission system that encrypts information carrying signals by deterministic chaos. However, Francois et al. fails to disclose chromatic dispersion within an optical signal, optical fiber communication link, and inserting a variable dispersion compensation module. The closest prior art, Fontana et al. (US Patent No. 5,570,438) discloses a high-transmission speed optical fiber communication means for transmitting pulsed signals within awhile subjected to chromatic dispersion. However, Fontana et al. fails to disclose an optical fiber communication link with the aid of inserting a variable dispersion compensation module. Therefore, neither, Francois et al. nor Fontana et al., either singularly or in combination, anticipate or render the above underlined limitations obvious.

Respectfully submitted,

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